



1/4

## SEQUENCE LISTING

RECEIVED

AUG 31 2000

TECH CENTER 1600/2900

&lt;110&gt; Williamson, Mark

&lt;120&gt; MDA-9 AND USES THEREOF

&lt;130&gt; 07334-122001

&lt;140&gt; US 09/531,369

&lt;141&gt; 2000-03-21

&lt;150&gt; US 60/125,759

&lt;151&gt; 1999-03-23

&lt;160&gt; 3

&lt;170&gt; FastSEQ for Windows Version 4.0

&lt;210&gt; 1

&lt;211&gt; 2068

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; CDS

&lt;222&gt; (76)...(970)

&lt;400&gt; 1

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Asp Lys Val Ile Gln Ala Gln Thr Ala Phe Ser Ala Asn Pro Ala Asn  
15 20 25

cca gca att ttg tca gaa gct tct gct cct atc cct cac gat gga aat 207  
Pro Ala Ile Leu Ser Glu Ala Ser Ala Pro Ile Pro His Asp Gly Asn  
30 35 40

ctc tat ccc aga ctg tat cca gag ctc tct caa tac atg ggg ctg agt 255  
Leu Tyr Pro Arg Leu Tyr Pro Glu Leu Ser Gln Tyr Met Gly Leu Ser  
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65 70 75

cca ctt cag ggg cag ttg gta gca aga cct tcc agt ata aac tat atg 351  
Pro Leu Gln Gly Gln Leu Val Ala Arg Pro Ser Ser Ile Asn Tyr Met  
80 85 90

gtg gct cct gta act ggt aat gat gtt gga att cgt aga gca gaa att 399  
Val Ala Pro Val Thr Gly Asn Asp Val Gly Ile Arg Arg Ala Glu Ile  
95 100 105

aag caa ggg att cgt gaa gtc att ttg tgt aag gat caa gat gga aaa 447  
Lys Gln Gly Ile Arg Glu Val Ile Leu Cys Lys Asp Gln Asp Gly Lys  
110 115 120

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TECH CENTER 1600/2900

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gtc cag gct aat tct cca gcc tca ttg gtt ggt ctg aga ttt ggg gac 543  
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 145 150 155

caa gta ctt cag atc aat ggt gaa aac tgt gca gga tgg agc tct gat 591  
 Gln Val Leu Gln Ile Asn Gly Glu Asn Cys Ala Gly Trp Ser Ser Asp  
 160 165 170

aaa gcg cac aag gtg ctc aaa cag gct ttt gga gag aag att acc atg 639  
 Lys Ala His Lys Val Leu Lys Gln Ala Phe Gly Glu Lys Ile Thr Met  
 175 180 185

acc att cgt gac agg ccc ttt gaa cgg acg att acc atg cat aag gat 687  
 Thr Ile Arg Asp Arg Pro Phe Glu Arg Thr Ile Thr Met His Lys Asp  
 190 195 200

agc act gga cat gtt ggt ttt atc ttt aaa aat gga aaa ata aca tcc 735  
 Ser Thr Gly His Val Gly Phe Ile Phe Lys Asn Gly Lys Ile Thr Ser  
 205 210 215 220

ata gtg aaa gat agc tct gca gcc aga aat ggt ctt ctc acg gaa cat 783  
 Ile Val Lys Asp Ser Ser Ala Ala Arg Asn Gly Leu Leu Thr Glu His  
 225 230 235

aac atc tgt gaa atc aat gga cag aat gtc att gga ttg aag gac tct 831  
 Asn Ile Cys Glu Ile Asn Gly Gln Asn Val Ile Gly Leu Lys Asp Ser  
 240 245 250

caa att gca gac ata ctg tca aca tct ggg act gta gtt act att aca 879  
 Gln Ile Ala Asp Ile Leu Ser Thr Ser Gly Thr Val Val Thr Ile Thr  
 255 260 265

atc atg cct gct ttt atc ttt gaa cat att att aag cgg atg gca cca 927  
 Ile Met Pro Ala Phe Ile Phe Glu His Ile Ile Lys Arg Met Ala Pro  
 270 275 280

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 285 290 295

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Ser Glu Ala Ser Ala Pro Ile Pro His Asp Gly Asn Leu Tyr Pro Arg  
35 40 45  
Leu Tyr Pro Glu Leu Ser Gln Tyr Met Gly Leu Ser Leu Asn Glu Glu  
50 55 60  
Glu Ile Arg Ala Asn Val Ala Val Val Ser Gly Ala Pro Leu Gln Gly  
65 70 75 80  
Gln Leu Val Ala Arg Pro Ser Ser Ile Asn Tyr Met Val Ala Pro Val  
85 90 95  
Thr Gly Asn Asp Val Gly Ile Arg Arg Ala Glu Ile Lys Gln Gly Ile  
100 105 110  
Arg Glu Val Ile Leu Cys Lys Asp Gln Asp Gly Lys Ile Gly Leu Arg  
115 120 125  
Leu Lys Ser Ile Asp Asn Gly Ile Phe Val Gln Leu Val Gln Ala Asn  
130 135 140  
Ser Pro Ala Ser Leu Val Gly Leu Arg Phe Gly Asp Gln Val Leu Gln  
145 150 155 160  
Ile Asn Gly Glu Asn Cys Ala Gly Trp Ser Ser Asp Lys Ala His Lys  
165 170 175  
Val Leu Lys Gln Ala Phe Gly Glu Lys Ile Thr Met Thr Ile Arg Asp  
180 185 190  
Arg Pro Phe Glu Arg Thr Ile Thr Met His Lys Asp Ser Thr Gly His  
195 200 205  
Val Gly Phe Ile Phe Lys Asn Gly Lys Ile Thr Ser Ile Val Lys Asp  
210 215 220  
Ser Ser Ala Ala Arg Asn Gly Leu Leu Thr Glu His Asn Ile Cys Glu  
225 230 235 240  
Ile Asn Gly Gln Asn Val Ile Gly Leu Lys Asp Ser Gln Ile Ala Asp  
245 250 255  
Ile Leu Ser Thr Ser Gly Thr Val Val Thr Ile Thr Ile Met Pro Ala  
260 265 270  
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Ser Leu Met Asp His Thr Ile Pro Glu Val  
290 295

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<212> DNA  
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cacgatggaa atctctatcc cagactgtat ccagagctct ctcaatacat ggggctgagt 180  
ttaaatgaag aagaaatacg tgcaaatgtg gccgtgggtt ctggtgcacc acttcagggg 240  
cagttggtag caagaccttc cagtataaac tatatgggtg ctctgtaac tggtaatgat 300  
gttggaattc gtagagcaga aattaagcaa gggattcgtg aagtcatttt gtgtaaggat 360  
caagatggaa aaattggact caggcttaaa tcaatagata atggtatatt tgttcagcta 420  
gtccaggcta attctccagc ctcattgggtt ggtctgagat ttggggacca agtacttcag 480

*A1 concu*

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atgcataagg	atagcactgg	acatgttggt	tttatcttta	aaaatggaaa	aataacatcc	660
atagtgaag	atagctctgc	agccagaaat	ggtcttctca	cggaacataa	catctgtgaa	720
atcaatggac	agaatgtcat	tggattgaag	gactctcaaa	ttgcagacat	actgtcaaca	780
tctgggactg	tagttactat	tacaatcatg	cctgctttta	tctttgaaca	tattattaag	840
cggatggcac	caagcattat	gaaaagccta	atggaccaca	ccattcctga	ggtt	894

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